



RECEIVED  
AUG 22 2003  
TC 1700

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

SATO et al.

Art Unit: 1765

Application No.: 09/987,463

Examiner: R. Kunemund

Filed: November 14, 2001

Atty. Dkt. No.: 107242-09013

For: QUARTZ GLASS CRUCIBLE FOR PULLING UP SILICON SINGLE CRYSTAL  
AND PRODUCTION METHOD THEREFOR

**RESPONSE UNDER 37 C.F.R. § 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

August 21, 2003

Sir:

In response to the Office Action dated May 21, 2003, please consider the  
following remarks: